

Appendix M—DECISION RULES

Analysis and Reporting Decision Rules
NECAP Science
Spring 07-08 Administration

This document details rules for analysis and reporting. The final student level data set used for analysis and reporting is described in the “Data Processing Specifications.” This document is considered a draft until the NECAP State Departments of Education (DOE) signs off. If there are rules that need to be added or modified after said sign-off, DOE sign off will be obtained for each rule. Details of these additions and modifications will be in the Addendum section.

I. General Information

A. *Tests administered:*

| Grade | Subject | Test items used for Scaling | Item Reporting Categories (Subtopic and Subcategory Source) |
|--------------|----------------|------------------------------------|--|
| 04 | Science | Common | Cat3 |
| 08 | Science | Common | Cat3 |
| 11 | Science | Common | Cat3 |

B. *Reports Produced:*

1. Student Report
2. School Item Analysis Report by Grade and Subject
3. Grade Level School/District/State Results
4. District Summary

C. *Files Produced:*

1. State Student Cleanup Data
2. Preliminary State Results
3. State Student Released Item Data
4. State Student Raw Data
5. State Student Scored Data
6. District Student Data
7. Item Information
8. Grade Level Results Report Disaggregated and Historical Data
9. Grade Level Results Report Participation Category Data
10. Grade Level Results Report Subtopic Data
11. Summary Results Data
12. Released Item Percent Responses Data
13. Invalidated Students Original Score
14. Student Questionnaire Summary
15. TCTA Questionnaire Raw Data
16. TCTA Questionnaire Frequency Distribution
17. Scaled Score Lookup
18. Subtopic Average Points Earned (For Program Management)
19. Item Stats for Inquiry Task Items (For Program Management)

D. *School Type:*

| SchType | Source: ICORE SubTypeID | Description |
|----------------|--|-----------------------------------|
| PUB | 1,12,13 | Public School |
| PRI | 3 | Private School |
| OOD | 4 | Out-of-District Private Providers |
| OUT | 8 | Out Placement |
| CHA | 11 | Charter School |
| INS | 7 | Institution |
| OTH | 9 | Other |
| HOM | Home=1 | Home Schooled Student |

| Level | Testing | |
|--------------|--|---|
| | Impact on Analysis | Impact on Reporting |
| Student | n/a | <p>Report students based on testing discode and schcode.</p> <p>District data will be blank for students tested at PRI, OOD, OUT, INS, or OTH schools.</p> <p>School and district data for students with schtype=HOM, will be based on the testing school and district.</p> <p>Always print tested year state data.</p> |
| School | <p>Include all non-home school students using testing school code for aggregations</p> | <p>Generate a report for each school with at least one student enrolled using the tested school aggregate denominator.</p> <p>District data will be blank for PRI, OOD, OUT, INS, or OTH schools.</p> <p>Always print tested year state data.</p> |
| District | <p>For OUT and OOD schools, aggregate using the sending district.</p> <p>If OUT or OOD student does not have a sending district, do not include in aggregations.</p> <p>Do not include students tested at PRI, INS, or OTH schools</p> <p>Do not include home school students (HOM).</p> | <p>Generate a report for each district with at least one student enrolled using the tested district aggregate denominator.</p> <p>Always report tested year state data.</p> |
| State | <p>Do not include students tested at PRI schools for NH and RI.</p> <p>Do not include home school students (HOM).</p> | <p>Always report testing year state data.</p> |

E. *Requirements To Report Aggregate Data(Minimum N)*

| Calculation Description | Rule |
|--|--|
| Number and Percent at each achievement level, mean score by disaggregated category and aggregate level | If the number of tested students included in the denominator is less than 10, then do not report. |
| Content Area Subcategories Average Points Earned based on common items only by aggregate level | If the number of tested students included in the denominator is less than 10, then do not report. |
| Aggregate data on Item Analysis report | No required minimum number of students |
| Number and Percent of students in a participation category by aggregate level | No required minimum number of students |
| Content Area Subtopic Percent of Total Possible Points and Standard Error Bar | If any item was not administered to at least one tested student included in the denominator or the number of tested students included in the denominator is less than 10, then do not report |

F. **Special Forms:**

1. Form 00 is created for students whose matrix scores will be ignored for analysis. Such students include Braille or administration issues resolved by program management.
2. Students with a damaged student response booklet (SRB) will be treated differently in analysis and reporting.
 - A value of 'X' in the data file indicates the item was damaged on the SRB.
 - Only items that are not marked as damaged will be included in determining test and session attempt status.
 - Only common items that are not marked as damaged will be included in scaling.
 - Refer to the scaling section of this document for more information on calculation of achievement level and scaled scores.
 - The student's subcategory score will be calculated if no items in the subcategory are damaged.
 - Students will be excluded from all raw score aggregations (item, subcategory, total raw score).
 - Students will be included in participation, performance and scaled score aggregations.

G. **Other Information**

1. Home school students are excluded from all school, district, and state level aggregations. Home school students receive a parent letter based on the testing school. Print aggregate data based on the testing school. Print tested year state data. Home school students are not listed on the item analysis report.
2. Plan504 data not available for NH and VT; therefore 504 Plan section will be suppressed for NH and VT.
3. Title 1 data are not available for VT and NH; therefore Title 1 section will be suppressed for VT and NH.
4. Only students with a testing year school type of OUT or OOD are allowed to have a sending district code. Non-public sending district codes will be ignored. For RI, senddiscode of 88 is ignored. For NH, senddiscode of 000 is ignored.
5. ICORE contract code used for reporting is 113202.

II. Student Participation / Exclusions

A. *Test Attempt Rules by content area*

1. A content area was attempted if any multiple choice item or non-field test open response item has been answered. (Use original item responses – see special circumstances section II.E)
2. A multiple choice item has been answered by a student if the response is A, B, C, D, or * (*=multiple responses)
3. An open response item has been answered if it is not scored blank ‘B’

B. *Session Attempt Rules by content area*

1. A session was attempted if any multiple choice item or non-field test open response item has been answered in the session. (Use original item responses – see special circumstances section II.E)

C. *Not Tested Reasons by content area*

1. Not Tested State Approved Alternate Assessment
 - a. If content area “Alternate Assessment blank or partially blank reason” is marked, then student is identified as “Not Tested State Approved Alternate Assessment”.
2. Not Tested State Approved First Year LEP (reading and writing only)
 - a. If content area “First Year LEP blank or partially blank reason” is marked, then student is identified as “Not Tested State Approved First Year LEP”.
3. Not Tested State Approved Special Consideration
 - a. If content area “Special Consideration blank or partially blank reason” is marked, the student is identified as “Not Tested State Approved Special Consideration”.
4. Not Tested State Approved Withdrew After
 - a. If content area “Withdrew After blank or partially blank reason” is marked and at least one content area session was not attempted, then the student is identified as “Not Tested State Approved Withdrew After”
5. Not Tested State Approved Enrolled After
 - If content area “Enrolled After blank or partially blank reason” is marked and at least one content area session was not attempted, then the student is identified as “Not Tested State Approved Enrolled After”.
6. Not Tested Other
 - a. If content area test was not attempted, the student is identified as “Not Tested Other”.

D. *Not Tested Reasons Hierarchy by content area: if more than one reason for not testing at a content area is identified then select the first category indicated in the order of the list below.*

1. Not Tested State Approved Alternate Assessment
2. Not Tested State Approved First Year LEP (reading and writing only)
3. Not Tested State Approved Special Consideration
4. Not Tested State Approved Withdrew After
5. Not Tested State Approved Enrolled After
6. Not Tested Other

E. *Special Circumstances by content area*

1. A student is identified as content area tested if the student does not have any content area not tested reasons identified. Tested students are categorized in one of the four tested participation statuses: “Tested Damaged SRB”, “Tested with Non-Standard Accommodations”, “Tested Incomplete”, and “Tested”.
 - a. Students with an item response of ‘X’ are identified as “Tested Damaged SRB”.
 - b. Students identified as content area tested, are not identified as “Tested Damaged SRB”, and have at least one of the content area invalidation session flags marked will be identified as “Tested with Non-Standard Accommodations”.
 - c. Students identified as content area tested, are not identified as “Tested Damaged SRB”, and not identified as “Tested with Non-Standard Accommodations” and did not attempt all sessions in the test are considered to be “Tested Incomplete.”
 - d. All other tested students are identified as “Tested”.
2. For students identified as “Tested Damaged SRB”, the content area subcategories with at least one damaged items will not be reported. The school, district and state averages will be suppressed for the impacted subcategories on the student report. These students are excluded from all raw score aggregations (item, subcategory, and total raw score). They are included in participation, achievement level, and scaled score aggregations.
3. For students identified as “Tested with Non-Standard Accommodations” the content area sessions item responses which are marked for invalidation will be treated as a non-response
4. Students identified as tested in a content area will receive released item scores, scaled score, scale score bounds, achievement level, raw total score, subcategory scores, and writing annotations (where applicable).
5. Students identified as not tested in a content area will not receive a scaled score, scaled score bounds, achievement level, writing annotations (where applicable). They will receive released item scores, raw total score, and subcategory scores.
6. Item scores for students with an invalidation flag marked and have a not tested status will be blanked out based on the invalidation flag. For example, if the student is identified as “Not Tested: State Approved Alternate Assessment” and has SciInvSes1 marked, then all science session 1 item responses will be reported as a blank.

F. *Student Participation Status Hierarchy by content area*

1. Not Tested: State Approved Alternate Assessment
2. Not Tested: State Approved First Year LEP (reading and writing only)
3. Not Tested: State Approved Special Consideration
4. Not Tested: State Approved Withdrew After May 12
5. Not Tested: State Approved Enrolled After May 12
6. Not Tested: Other
7. Tested Damaged SRB
8. Tested with Non-Standard Accommodations
9. Tested Incomplete
10. Tested

G. Student Participation Summary

| Participation Status | Description | Raw Score (*) | Scaled Score | Ach. Level | Student Report Ach. Level Text | Roster Ach. Level Text |
|----------------------|---|---------------|--------------|------------|--|------------------------|
| Z | Tested Damaged SRB(**) | ✓ | ✓ | ✓ | Substantially Below Proficient, Partially Proficient, Proficient, or Proficient with Distinction | 1,2,3, or 4 |
| A | Tested | ✓ | ✓ | ✓ | Substantially Below Proficient, Partially Proficient, Proficient, or Proficient with Distinction | 1,2,3, or 4 |
| B | Tested Incomplete(%) | ✓ | ✓ | ✓ | Substantially Below Proficient, Partially Proficient, Proficient, or Proficient with Distinction | 1,2,3, or 4 |
| C | Tested with Non-Standard Accommodations (%%) | ✓ | ✓ | ✓ | Substantially Below Proficient, Partially Proficient, Proficient, or Proficient with Distinction | 1,2,3, or 4 |
| D | Not Tested State Approved Alternate Assessment | ✓ | | | Alternate Assessment | A |
| E | Not Tested State Approved First Year LEP (Reading and Writing only) | ✓ | | | First Year LEP | L |
| F | Not Tested State Approved Enrolled After | ✓ | | | Enrolled After May 12 | E |
| G | Not Tested State Approved Withdrew After | ✓ | | | Withdrew After May 12 | W |
| H | Not Tested State Approved Special Consideration | ✓ | | | Special Consideration | S |
| I | Not Tested Other | ✓ | | | Not Tested | N |

(*) Raw scores are not printed on student report for students with a not tested status.

(**) Raw scores for Tested damaged SRB students will be reported based on the set of non-damaged items. Subcategory scores will not be reported if it includes a damaged item. Items identified as damaged (response of 'X') will print as a blank on the item analysis report.

(%) Tested incomplete students will be identified on student and item analysis reports with a footnote.

(%%) Tested with Non-standard accommodations students will be identified on student and item analysis reports. The student report will have a footnote. The invalidated items will be reported with a '-' on the item analysis report.

III. Calculations

A. Rounding

1. All percents are rounded to the nearest whole number
2. All mean scaled scores are rounded to the nearest whole number
3. Content Area Subcategories: Average Points Earned (student report): round to the nearest tenth.
4. Round non-multiple choice average item scores to the nearest tenth.

B. Students included in calculations based on participation status

1. For number and percent of students enrolled, tested, and not tested categories include all students not excluded by other decision rules.
2. For number and percent at each achievement level, average scaled score, subtopic percent of total possible points and standard error, subcategories average points earned, and percent/correct average score for each released item include all tested students not excluded by other decision rules.

C. Raw scores

1. For all analyses, non-response for an item by a tested student is treated as a score of 0. Items identified as damaged (response of 'X') will be excluded for student identified as "Tested Damaged SRB".
2. Content Area Total Points: Sum the points earned by the student for the common items.

D. Item Scores

1. For all analyses, non-response for an item by a tested student is treated as a score of 0. Items identified as damaged (response of 'X') will be excluded for student identified as "Tested Damaged SRB".
2. For multiple choice released item data store a '+' for correct response, or A,B,C,D,* or blank
3. For open response released items, store the student score. If the score is not numeric ('B', 'X'), then store it as blank.
4. For students identified as content area tested with non-standard accommodations, store the released item score as '-' for invalidated items.

E. Scaling

Scaling is done using a look-up table provided by psychometrics and the student's raw score.

1. Scale Form creation

Scaling is accomplished by defining the unique set of test forms for the grade/subject. This is accomplished as follows:

- Translate each form and position into the unique item number assigned to the form/position.
- Order the items by
 - I. Type – multiple-choice, short-answer, constructed-response, extended-response, writing prompt.
 - II. Form – common, then by ascending form number.
 - III. Position
- If an item number is on a form, then set the value for that item number to '1', otherwise set to '.'. Set the Exception field to '0' to indicate this is an original test form.
- If an item number contains an 'X' (item is not included in scaling) then set the item number to '.'. Set the Exception field to '1' to indicate this is not an original test form.

- Compress all of the item numbers together into one field in the order defined in step II to create the test for the student.
 - Select the distinct set of tests from the student data and order them by the exception field and the descending test field.
 - Check to see if the test has already been assigned a scale form by looking in the tblScaleForm table. If the test exists then assign the existing scale form. Otherwise assign the next available scale form number. All scale form numbering starts at 01 and increments by 1 up to 99.
2. Scaled Score assignment
- Psychometrics provides data analysis with a lookup table for each scale form. The lookup table contains the raw score and the resulting scaled score.

F. *Item Information*

1. NECAP science item information is stored in IABS, except for inquiry items.
 - Program management provided Data Analysis with “2008 NECAP Science Inquiry Task Reporting Categories.doc” which contains the item order, domain, assessment target, DOK, item type, and maximum possible points for the inquiry items. Inquiry items are administered in session 3.
 - Program management provided Data Analysis with “IABS Export Codes for NECAP SCI Reporting.doc” which contains the crosswalk between IABS item information and reporting.
 - Data analysis used both documents and IABS data export to create “IREF” data table. Cat3 contains the domain. Cat4 contains the assessment target. Cat5 contains DOK. The domain is used for the reporting category (subtopic) calculations.
2. Program management provided Data Analysis with “2008 IABS_Released ItemsSCI for Tara.xls” which contains released item order. Inquiry items are listed at the end in the order they are in the test booklet.

G. *SubTopic Item Scores*

1. Student Content Area Subcategories (student report): Subtopic item scores at the student level is the sum of the points earned by the student for the common items in the subtopic.
2. Content Area Subtopic (grade level results report): Subtopic scores are based on all unique common and matrix items. The itemnumber identifies each unique item.
 - a. Percent of Total Possible Points:
 - I. For each unique common and matrix item calculate the average student score as follows: (sum student item score/number of tested students administered the item).
 - II. $100 * (\text{Sum the average score for items in the subtopic}) / (\text{Total Possible Points for the subtopic})$ rounded to the nearest whole number.
 - b. Standard Error Bar: Before multiplying by 100 and rounding the Percent of Total Possible points (ppe) calculate standard error for school,district and state: $100 * (\text{square root } (((\text{ppe}) * (1 - \text{ppe}) / \text{number of tested students})))$ rounded to the nearest whole number
Percent of Total Possible Points +/- Standard Error

H. *Cumulative Total(Not Applicable 0708 administration)*

1. Include the yearly results where the number tested is greater than or equal to 10
2. Suppress cumulative total data if at least one reported year has fewer than 10 tested students.

3. Cumulative total N (Enrolled, Not Tested Approved, Not Tested Other, Tested, at each achievement level) is the sum of the yearly results for each category where the number tested is greater than or equal to 10.
 4. Cumulative percent for each achievement level is $100 * (\text{Number of students at the achievement level cumulative total} / \text{number of students tested cumulative total})$ rounded to the nearest whole number.
 5. Cumulative mean scaled score is a weighted average. For years where the number tested is greater than or equal to 10, $(\text{sum of (yearly number tested * yearly mean scaled score)}) / (\text{sum of yearly number tested})$ rounded to the nearest whole number.
- I. *Average Points Earned Students at Proficient Level (Range)*
1. Select all students across the states with Y40 scaled score, where Y=grade. Average the content area subcategories across the students and round to the nearest tenth. Add and subtract one standard error of measurement to get the range.

IV. Report Specific Rules

A. Student Report

1. Student header Information
 - a. If “FNAME” or “LNAME” is not missing then print “FNAME MI LNAME”. Otherwise, print “No Name Provided”.
 - b. Print the student’s tested grade
 - c. For school and district name, print the abbreviated tested school and district ICORE name based on school type decision rules.
 - d. Print “NH”, “RI”, or “VT” for state.
2. Test Results by content area
 - a. For students identified as “Not Tested”, print the not tested reason in the achievement level, leave scaled score and graphic display blank.
 - b. For students identified as tested for the content area then do the following
 - I. Print the complete achievement level name the student earned
 - II. Print the scaled score the student earned
 - III. Print a vertical black bar for the student scaled score with gray horizontal bounds in the graphic display
 - IV. For students identified as “Tested Damaged SRB” do not report student and aggregate data for subcategories that have at least one damaged item.
 - V. For students identified as “Tested with a non-standard accommodation” for a content area, print “**” after the content area earned achievement level and after student points earned for each subcategory.
 - VI. For students identified as “Tested Incomplete” for a content area, place a section symbol after content area earned scaled score.
3. Exclude students based on school type and participation status decision rules for aggregations.
4. This Student’s Achievement Compared to Other Students by content area
 - a. For tested students, print a check mark in the appropriate achievement level in the content area student column. For not tested students leave blank
 - b. For percent of students with achievement level by school, district and state print aggregate data based on school type and minimum N rules
5. This Student’s Performance in Content Area Subcategories by content area
 - a. Always print total possible points and students at proficient average points earned range.

- b. For students identified as not tested then leave student scores blank
 - c. For students identified as tested do the following
 - I. Always print student subcategory scores
 - II. If the student is identified as tested with a non-standard accommodation for the content area then place “**” after the student points earned for each subcategory.
 - d. Print aggregate data based on school type and minimum N-size rules.
- B. *School Item Analysis Report by Grade and Subject*
- 1. Reports are created for testing school.
 - 2. School Header Information
 - a. Use abbreviated ICORE school and district name based on school type decision rules
 - b. Print “New Hampshire”, “Rhode Island”, or “Vermont” for State.
 - c. For NH, the code should print SAU code – district code – school code. For RI and VT, the code should print district code – school code.
 - 3. For multiple choice items, print ‘+’ for correct response, or A,B,C,D,* or blank
 - 4. For open response items, print the student score. If the score is not numeric (‘B’), then leave blank.
 - 5. For students identified as content area tested damaged SRB, do not report student subcategory scores containing at least one damaged item. A blank will be printed for damaged released item responses.
 - 6. For students identified as content area tested with non-standard accommodations, print ‘-’ for invalidated items.
 - 7. All students receive subcategory points earned and total points earned.
 - 8. Leave scaled score blank for not tested students and print the not tested reason in the achievement level column.
 - 9. Exclude students based on school type and participation status decision rules for aggregations.
 - 10. Always print aggregated data regardless of N-size based on school type decision rules.
 - 11. For students identified as not tested for the content area print a cross symbol next to students’ name.
 - 12. For students identified as tested incomplete for the content area print a section symbol next to the scaled score.
 - 13. Home school student are not listed on the report.
- C. *Grade Level School/District/State Results*
- 1. Reports are run by testing state, testing district, and testing school.
 - 2. Exclude students based on school type and participation status decision rules for aggregations.
 - 3. Report Header Information
 - a. Use abbreviated school and district name from ICORE based on school type decision rules.
 - b. Print “New Hampshire”, “Rhode Island”, or “Vermont” to reference the state. The state graphic is printed on the first page.
 - 4. Report Section: Participation in NECAP
 - a. For testing level reports always print number and percent based on school type decision rules.

5. Report Section: NECAP Results by content area
 - a. For the testing level report always print based on minimum N-size and school type decision rules.
 6. Report Section: Historical NECAP Results by content area
 - a. For testing level report always print current year, prior years, and cumulative total results based on minimum N-size and school type decision rules.
 7. Report Section: Subtopic Results by content area
 - a. For testing level reports always print based on minimum N-size and school type decision rules
 8. Report Section: Disaggregated Results by content area
 - a. For testing level report always print based on minimum N-size and school type decision rules.
- D. *District Summary*
1. Reports are run by district.
 2. Exclude students based on school type and participation status decision rules for aggregations.
 3. For testing level report print entire aggregate group across grades tested and list grades tested results based on minimum N-size and school type decision rules. Mean scaled score across the grades is not calculated.

V. Data File Rules

- A. State Student Cleanup Data
 1. One CSV file per grade state will be created based on the file .
 2. Refer “NECAP0708S Student Demographic Cleanup Description.doc”
 3. Session Invalidation Flags are marked as follows: if sciaccF01 or sciaccF03 is marked, then mark sciInvSes1, sciInvSes2, and sciInvSes3
- B. Preliminary State Results
 1. A PDF file will be created for each state containing preliminary state results for each grade and subject and will list historical state data for comparison (where applicable).
- C. State Student Released Item Data
 1. Students who tested at a private school are excluded from NH and RI student data files.
 2. A CSV file will be created for each state and grade
- D. State Student Raw Data
 1. Students who tested at a private school are excluded from NH and RI student data files.
 2. A CSV file will be created for each state and grade.
- E. State Student Scored Data
 1. Students who tested at a private school are excluded from NH and RI student data files.
 2. A CSV file will be created for each state and grade.
- F. District Student Data
 1. Students with the Discode or SendDiscode will be in the district grade specific CSV file for the testing year.
 2. Home school students are excluded from district student data files. For NH and RI only public school districts will receive district data files. (Districts with at least one school with schoolsubtypeID=1 in ICORE)

- G. Item Information
 - 1. An excel file will be created containing item information for common items: grade, subject, raw data item name, item type, key, and point value.
- H. Grade Level Results Report Disaggregated and Historical Data
 - 1. Testing CSV files will be created for each state and grade containing the grade level results disaggregated and historical.
 - 2. Data will be suppressed based on minimum N-size and report type decision rules.
- I. Grade Level Results Report Participation Category Data
 - 1. Testing CSV file will be created for each state and grade containing the grade level results participation data.
- J. Grade Level Results Report Subtopic Data
 - 1. Testing CSV files will be created for each state and grade containing the grade level results subtopic.
 - 2. Data will be suppressed based on minimum N-size and report type decision rules.
- K. Summary Results Data
 - 1. Testing CSV files will be created for each state containing the summary report data. The file will contain school, district and state data.
 - 2. Data will be suppressed based on minimum N-size and report type decision rules.
- L. Released Item Percent Responses Data
 - 1. Testing CSV files will be created for each state and grade containing the released item analysis report state data.
- M. Invalidated Students Original Score
 - 1. Original raw scores for students identified as “Tested with Non-Standard Accommodation” will be provided.
 - 2. Students who tested at a private school are excluded from NH and RI student data files.
 - 3. A CSV file will be created for each state and grade.
- N. Student Questionnaire Summary
 - 1. One CSV file will be created for each state containing percent of students at each response, percent of students at each achievement level, and average scaled score, by student questionnaire response.
 - 2. Only include students who are included in state level aggregations.
 - 3. Data will be suppressed based on minimum N-size and report type decision rules.
- O. TCTA Questionnaire Raw Data
 - 1. One CSV file will be created for each state containing raw TCTA Questionnaire data.
- P. TCTA Questionnaire Frequency Distribution
 - 1. One CSV file will be created for each state containing the distribution of responses of TCTA Questionnaire raw data.
- Q. Scaled Score Lookup
 - 1. One CSV file and one excel file will be created containing the scaled score lookup data.
- R. Subtopic Average Points Earned (For Program Management)
 - 1. One excel file will be created containing four worksheets. The first worksheet contains the total possible points for each subtopic as reported on the item analysis report and the range for

students who are just proficient. The remaining three worksheets contain state average subtopic scores as reported on the item analysis report.

2. Program management uses this file to create a document which is provided to the schools.

S. Item Stats for Inquiry Task Items (For Program Management)

1. Since Inquiry items are not stored in IABS, one CSV file will be created containing item stats for Inquiry items.
2. All three states are included in the calculations.

T. Table Data File Deliverables

| Data File | Layout | File Name |
|---|--|--|
| State Student Cleanup Data | NECAP0708SSStudentDemographicCleanupLayout.xls | NECAP0708S_[ST].csv |
| Preliminary State Results | N/A | NECAP0708SpringPreliminaryStateResults[ST][DATE].pdf |
| State Student Released Item Data | NECAP0708SpringStateStudentReleasedItemLayout.xls | NECAP0708SpringStateStudentReleasedItem[GR].csv |
| State Student Raw Data | NECAP0708SpringStateStudentRawLayout.xls | NECAP0708SpringStateStudentRaw[GR].csv |
| State Student Scored Data | NECAP0708SpringStateStudentScoredLayout.xls | NECAP0708SpringStateStudentScored[GR].csv |
| District Student Data | NECAP0708SpringDistrictStudentLayout.xls | NECAP0708SpringDistrictSlice[GR]_[District Code].csv |
| Item Information | NECAP0708SpringItemInformationLayout.xls | NECAP0708SpringItemInformation.csv |
| Grade Level Results Report Disaggregated and Historical Data | NECAP0708SpringResultsReport DisaggregatedandHistoricalLayout.xls | NECAP0708SpringResultsReport DisaggregatedandHistorical[GR].csv |
| Grade Level Results Report Participation Category Data | NECAP0708SpringResultsReport ParticipationLayout.xls | NECAP0708SpringResultsReport Participation[GR].csv |
| Grade Level Results Report Subtopic | NECAP0708SpringResultsReport SubtopicLayout.xls | NECAP0708SpringResultsReport Subtopic[GR].csv |

| | | |
|--|---|--|
| Data | | |
| Summary Results Data | NECAP0708SpringSummaryResultsLayout.xls | NECAP0708SpringSummaryResults.csv |
| Released Item Percent Responses Data | NECAP0708SpringReleasedItemPercentResponsesLayout.xls | NECAP0708SpringReleasedItemPercentResponses.csv |
| Invalidated Students Original Score | NECAP0708SpringStateInvalidatedStudentOriginalScoreLayout.xls | NECAP0708SpringStateInvalidatedStudentOriginalScore.csv |
| Student Questionnaire Summary | NECAP0708SpringStudentQuestionnaireSummaryLayout.xls | NECAP0708SpringStudentQuestionnaireSummary.csv |
| TCTA Questionnaire Raw Data | NECAP0708SpringTCTAQuestionnaireRawLayout.xls | NECAP0708SpringTCTAQuestionnaireRaw.csv |
| TCTA Questionnaire Frequency Distribution | NECAP0708SpringTCTAQuestionnaireFreqLayout.xls | NECAP0708SpringTCTAQuestionnaireFreq.csv |
| Scaled Score Lookup | NECAP0708SpringScaleScoreLookupLayout.xls | NECAP0708SpringScaleScoreLookup.xls NECAP0708SpringScaleScoreLookup.csv |
| Subtopic Average Points Earned (For Project Management) | N/A | NECAP0708SpringSubtopicAvgPointsEarned.xls |
| Item Stats for Inquiry Task Items (For Program Management) | N/A | NECAP0708SpringInquiryItemStats.csv |

Addenda:

9/5 PM needs a list of schools and districts that will receive reports by state regardless of grade to send out memo.

9/9 PRI schools are excluded from RI and NH report data files

9/15 In future, round summary results subtopic data to nearest hundredth – issue with bar printing is not even due to rounding

10/3/08 F01 science accom should be just session 1 inv